

Please type a plus sign (+) inside this box ☐

67137 U.S. PTO



02/11/97

Approved for use through 9/30/98  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/05  
(8/96)

NEW UTILITY PATENT  
APPLICATION TRANSMITTAL

(to be used for new applications only)

Attorney Docket Number	3157-00006
First Named Inventor	James L. Soper
Total Pages in this Submission	55

Application Elements  
Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37 CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

ACCOMPANYING APPLICATION PARTS

1. <input checked="" type="checkbox"/> Fee Transmittal Form (prescribed filing fee(s))	6. <input type="checkbox"/> Assignment Papers
2. Specification	7. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
<input checked="" type="checkbox"/> Title of the Invention	8. <input type="checkbox"/> Computer Program in Microfiche
<input checked="" type="checkbox"/> Cross References to Related Applications (if applicable)	9. <input type="checkbox"/> English Translation Document (if applicable)
<input type="checkbox"/> Statement Regarding Federally-sponsored Research/Development (if applicable)	10. <input checked="" type="checkbox"/> Information Disclosure Statement/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
<input type="checkbox"/> Reference to Microfiche Appendix (if applicable)	11. <input type="checkbox"/> Petition Checklist and Accompanying Petition
<input checked="" type="checkbox"/> Background of the Invention	12. <input type="checkbox"/> Preliminary Amendment
<input checked="" type="checkbox"/> Brief Summary of the Invention	13. <input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Brief Description of the Drawings (if drawings filed)	14. <input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Detailed Description	15. <input checked="" type="checkbox"/> Small Entity Statement
<input checked="" type="checkbox"/> Claim or Claims	16. <input checked="" type="checkbox"/> Additional Enclosures (please identify below)
<input checked="" type="checkbox"/> Abstract of the Disclosure	
3. <input checked="" type="checkbox"/> Drawing(s) (when necessary as prescribed by 35 USC 113)	
4. <input checked="" type="checkbox"/> Executed Declaration	
5. Genetic Sequence Submission (if applicable, all must be included)	
<input type="checkbox"/> Paper Copy	
<input type="checkbox"/> Computer Readable Copy	
<input type="checkbox"/> Statement Verifying Identical Paper and Computer Readable Copy	
	Certificate of Express Mail
	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT
	Firm or Individual name Andrus, Scales, Starke & Sawall Joseph J. Jochman, Jr. Reg. No. 25 898
	Signature <i>Joseph J. Jochman Jr.</i>
	Date 11 February 1997

FOR OFFICIAL USE ONLY

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Applicant: James L. Soper

Page 2

CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE, in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C., 20231 on February 11, 1997. The Express Label is EM399256104US.

Barbara A. Johnson

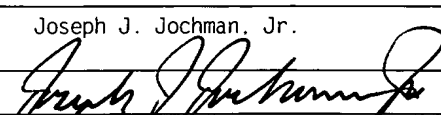
Name

Signature

2/11/97

Date

037991102119  
20110211

PTO/SB/17 (8/96)  FEE TRANSMITTAL		COMPLETE IF KNOWN																																																																																																																																																															
		Application Number																																																																																																																																																															
		Filing Date		2/11/97																																																																																																																																																													
		First Named Inventor		James L. Soper																																																																																																																																																													
		Group Art Unit																																																																																																																																																															
Examiner Name																																																																																																																																																																	
Total Amount of Payment (\$)		385.00		Attorney Docket Number 3157-00006																																																																																																																																																													
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																															
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <u>01.2000</u> Deposit Account Name <u>ANDRUS, SCEALES, STARKE &amp; SAWALL</u> <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)		3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge-late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,460</td><td>147</td><td>2,460</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>900*</td><td>112</td><td>900*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,790*</td><td>113</td><td>1,790*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>930</td><td>217</td><td>465</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,470</td><td>218</td><td>735</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,470</td><td>138</td><td>1,470</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,290</td><td>241</td><td>645</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,290</td><td>242</td><td>645</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>650</td><td>244</td><td>325</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>230</td><td>126</td><td>230</td><td>Submission of Information Discl. Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>770</td><td>246</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>770</td><td>249</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table>				Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge-late filing fee or oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,460	147	2,460	For filing a request for reexamination		112	900*	112	900*	Requesting publication of SIR prior to Examiner action		113	1,790*	113	1,790*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	390	216	195	Extension for response within second month		117	930	217	465	Extension for response within third month		118	1,470	218	735	Extension for response within fourth month		119	300	219	150	Notice of appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,470	138	1,470	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,290	241	645	Petition to revive unintentionally abandoned application		142	1,290	242	645	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	650	244	325	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	230	126	230	Submission of Information Discl. Stmt.		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	770	246	385	Filing a submission after final rejection (37 CFR 1.129(a))		149	770	249	385	For each additional invention to be examined (37 CFR 1.129(b))	
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																												
105	130	205	65	Surcharge-late filing fee or oath																																																																																																																																																													
127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																													
139	130	139	130	Non-English specification																																																																																																																																																													
147	2,460	147	2,460	For filing a request for reexamination																																																																																																																																																													
112	900*	112	900*	Requesting publication of SIR prior to Examiner action																																																																																																																																																													
113	1,790*	113	1,790*	Requesting publication of SIR after Examiner action																																																																																																																																																													
115	110	215	55	Extension for response within first month																																																																																																																																																													
116	390	216	195	Extension for response within second month																																																																																																																																																													
117	930	217	465	Extension for response within third month																																																																																																																																																													
118	1,470	218	735	Extension for response within fourth month																																																																																																																																																													
119	300	219	150	Notice of appeal																																																																																																																																																													
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																													
121	260	221	130	Request for oral hearing																																																																																																																																																													
138	1,470	138	1,470	Petition to institute a public use proceeding																																																																																																																																																													
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																													
141	1,290	241	645	Petition to revive unintentionally abandoned application																																																																																																																																																													
142	1,290	242	645	Utility issue fee (or reissue)																																																																																																																																																													
143	440	243	220	Design issue fee																																																																																																																																																													
144	650	244	325	Plant issue fee																																																																																																																																																													
122	130	122	130	Petitions to the Commissioner																																																																																																																																																													
123	50	123	50	Petitions related to provisional applications																																																																																																																																																													
126	230	126	230	Submission of Information Discl. Stmt.																																																																																																																																																													
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																													
146	770	246	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																													
149	770	249	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																													
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																	
FEE CALCULATION (fees effective 10/01/96)																																																																																																																																																																	
1. FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>770</td><td>201</td><td>385</td><td>Utility filing fee</td><td>\$ 385</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>530</td><td>207</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>770</td><td>208</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Description	Fee Paid	101	770	201	385	Utility filing fee	\$ 385	106	320	206	160	Design filing fee		107	530	207	265	Plant filing fee		108	770	208	385	Reissue filing fee		114	150	214	75	Provisional filing fee																																																																																																																													
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Description	Fee Paid																																																																																																																																																												
101	770	201	385	Utility filing fee	\$ 385																																																																																																																																																												
106	320	206	160	Design filing fee																																																																																																																																																													
107	530	207	265	Plant filing fee																																																																																																																																																													
108	770	208	385	Reissue filing fee																																																																																																																																																													
114	150	214	75	Provisional filing fee																																																																																																																																																													
SUBTOTAL (1) (\$)		385.00																																																																																																																																																															
2. CLAIMS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Total claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>14 - 20 =</td><td>0</td><td>X</td><td></td></tr> <tr><td>Independent 3 - 3 =</td><td>0</td><td>X</td><td></td></tr> <tr><td>Multiple Dependent</td><td>X</td><td></td><td></td></tr> </tbody> </table>		Total claims	Extra	Fee from below	Fee Paid	14 - 20 =	0	X		Independent 3 - 3 =	0	X		Multiple Dependent	X																																																																																																																																																		
Total claims	Extra	Fee from below	Fee Paid																																																																																																																																																														
14 - 20 =	0	X																																																																																																																																																															
Independent 3 - 3 =	0	X																																																																																																																																																															
Multiple Dependent	X																																																																																																																																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>22</td><td>203</td><td>11</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>22</td><td>210</td><td>11</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Description	Fee Paid	103	22	203	11	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	260	204	130	Multiple dependent claim		109	80	209	40	Reissue independent claims over original patent		110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																													
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Description	Fee Paid																																																																																																																																																												
103	22	203	11	Claims in excess of 20																																																																																																																																																													
102	80	202	40	Independent claims in excess of 3																																																																																																																																																													
104	260	204	130	Multiple dependent claim																																																																																																																																																													
109	80	209	40	Reissue independent claims over original patent																																																																																																																																																													
110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																																																													
SUBTOTAL (2) (\$)		0																																																																																																																																																															
SUBTOTAL (3) (\$)		0																																																																																																																																																															
		* Reduced by Basic Filing Fee Paid																																																																																																																																																															
SUBMITTED BY		Complete (if applicable)																																																																																																																																																															
Typed or printed name Joseph J. Jochman, Jr. Signature 		Registration Number		25.058																																																																																																																																																													
Date		11 February 1997		Deposit Account User ID																																																																																																																																																													

<b>FEE TRANSMITTAL</b>		COMPLETE IF KNOWN																																																																																																																																																																																			
		Application Number		08/799.116																																																																																																																																																																																	
		Filing Date		02/11/97																																																																																																																																																																																	
		First Named Inventor		James Soper																																																																																																																																																																																	
		Group Art Unit		3203																																																																																																																																																																																	
		Examiner Name		W. Little																																																																																																																																																																																	
Total Amount of Payment		(\$)		690.00																																																																																																																																																																																	
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																			
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <u>01.2010</u> Deposit Account Name <u>ANDRUS, SCEALES, STARKE &amp; SAWALL, LLP</u> <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)		3. <b>ADDITIONAL FEES</b> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge-late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td>\$660.00</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="4">Other fee (specify) <u>Additional Patent Copies</u></td><td>\$ 30.00</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (3)</td><td>(\$)</td><td>690.00</td></tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge-late filing fee or oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	400	216	200	Extension for response within second month		117	950	217	475	Extension for response within third month		118	1,510	218	755	Extension for response within fourth month		128	2,060	228	1,030	Extension for response within fifth month		119	310	219	155	Notice of appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,320	241	660	Petition to revive unintentionally abandoned application		142	1,320	242	660	Utility issue fee (or reissue)	\$660.00	143	450	243	225	Design issue fee		144	670	244	335	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt.		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) <u>Additional Patent Copies</u>				\$ 30.00	Other fee (specify) _____					SUBTOTAL (3)				(\$)	690.00
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																		
105	130	205	65	Surcharge-late filing fee or oath																																																																																																																																																																																	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																																																	
139	130	139	130	Non-English specification																																																																																																																																																																																	
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																	
115	110	215	55	Extension for response within first month																																																																																																																																																																																	
116	400	216	200	Extension for response within second month																																																																																																																																																																																	
117	950	217	475	Extension for response within third month																																																																																																																																																																																	
118	1,510	218	755	Extension for response within fourth month																																																																																																																																																																																	
128	2,060	228	1,030	Extension for response within fifth month																																																																																																																																																																																	
119	310	219	155	Notice of appeal																																																																																																																																																																																	
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																	
121	270	221	135	Request for oral hearing																																																																																																																																																																																	
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																	
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																	
141	1,320	241	660	Petition to revive unintentionally abandoned application																																																																																																																																																																																	
142	1,320	242	660	Utility issue fee (or reissue)	\$660.00																																																																																																																																																																																
143	450	243	225	Design issue fee																																																																																																																																																																																	
144	670	244	335	Plant issue fee																																																																																																																																																																																	
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																	
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																	
126	240	126	240	Submission of Information Disclosure Stmt.																																																																																																																																																																																	
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																	
Other fee (specify) <u>Additional Patent Copies</u>				\$ 30.00																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																					
SUBTOTAL (3)				(\$)	690.00																																																																																																																																																																																
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																																					
FEE CALCULATION (fees effective 10/01/96)																																																																																																																																																																																					
1. <b>FILING FEE</b> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>790</td><td>201</td><td>395</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>540</td><td>207</td><td>270</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>790</td><td>208</td><td>395</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (1)</td><td>(\$)</td><td>0</td></tr> </tbody> </table>						Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101	790	201	395	Utility filing fee		106	330	206	165	Design filing fee		107	540	207	270	Plant filing fee		108	790	208	395	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1)				(\$)	0																																																																																																																																								
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																		
101	790	201	395	Utility filing fee																																																																																																																																																																																	
106	330	206	165	Design filing fee																																																																																																																																																																																	
107	540	207	270	Plant filing fee																																																																																																																																																																																	
108	790	208	395	Reissue filing fee																																																																																																																																																																																	
114	150	214	75	Provisional filing fee																																																																																																																																																																																	
SUBTOTAL (1)				(\$)	0																																																																																																																																																																																
2. <b>CLAIMS</b> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>22</td><td>203</td><td>11</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>82</td><td>202</td><td>41</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>82</td><td>209</td><td>41</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>22</td><td>210</td><td>11</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (2)</td><td>(\$)</td><td>0</td></tr> </tbody> </table>						Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	103	22	203	11	Claims in excess of 20		102	82	202	41	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim		109	82	209	41	Reissue independent claims over original patent		110	22	210	11	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$)	0																																																																																																																																								
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																		
103	22	203	11	Claims in excess of 20																																																																																																																																																																																	
102	82	202	41	Independent claims in excess of 3																																																																																																																																																																																	
104	270	204	135	Multiple dependent claim																																																																																																																																																																																	
109	82	209	41	Reissue independent claims over original patent																																																																																																																																																																																	
110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																	
SUBTOTAL (2)				(\$)	0																																																																																																																																																																																
SUBMITTED BY _____ Complete (if applicable) _____ Typed or printed name _____ Signature <u>Joseph J. Jochman, Jr.</u> Date <u>Dec. 24, 1997</u> Registration Number <u>25.058</u> Deposit Account User ID _____																																																																																																																																																																																					